

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND APPARATUS FOR MANAGING COMMUNICATIONS
BETWEEN A CLIENT AND A SERVER IN A NETWORK**

the specification of which

 X is attached hereto.
_____ was filed on _____ as
United States Application Number _____
or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
_____	_____	_____	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
_____	_____	_____	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
_____	_____	_____	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

_____	_____
(Application Number)	Filing Date
_____	_____
(Application Number)	Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)	Filing Date	(Status -- patented, pending, abandoned)
(Application Number)	Filing Date	(Status -- patented, pending, abandoned)

I hereby appoint Aloysius T. C. AuYeung, Reg. No. 35,432; William Thomas Babbitt, Reg. No. 39,591; Kent D. Baker, Reg. No. 38,822; Jordan Michael Becker, Reg. No. 39,602; Bradley J. Berezna, Reg. No. 33,474; Michael A. Bernadieu, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; Gregory D. Caldwell, Reg. No. 39,926; Kent M. Chen, Reg. No. 39,630; Lawrence M. Cho, Reg. No. 39,942; Thomas M. Coester, Reg. No. P39,637; Roland B. Cortes, Reg. No. 39,152; William Donald Davis, Reg. No. 38,428; Daniel M. De Vos, Reg. No. 37,813; Karen L. Feisthamel, Reg. No. 40,264; Scot A. Griffin, Reg. No. 38,167; David R. Halvorson, Reg. No. 33,395; Brian Don Hickman, Reg. No. 35,894; Eric Ho, Reg. No. P39,711; George W. Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Jeffrey D. Jacobs, Reg. No. 40,029; Dag H. Johansen, Reg. No. 36,172; Stephen L. King, Reg. No. 19,180; Dolly M. Lee, Reg. No. 39,742; Daniel C. Mallery, Reg. No. 33,532; Michael J. Mallie, Reg. No. 36,591; Kimberley G. Nobles, Reg. No. 38,255; Ronald W. Reagin, Reg. No. 20,340; James H. Salter, Reg. No. 35,668; William W. Schaaf, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Allan T. Sponseller, Reg. No. 38,318; Steven R. Sponseller, Reg. No. 39,384; David R. Stevens, Reg. No. 38,626; Edwin H. Taylor, Reg. No. 25,129; Lester J. Vincent, Reg. No. 31,460; John Patrick Ward, Reg. No. 40,216; Ben J. Yorks, Reg. No. 33,609; and Norman Zafman, Reg. No. 26,250; my attorneys; and Gary B. Goates, Reg. No. 35,159; Michael Anthony DeSanctis, Reg. No. 39,957; Charles E. Shemwell, Reg. No. 40,171; Edwin A. Sloane, Reg. No. 34,728; and Judith A. Szepesi, Reg. No. 39,393; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to JORDAN M. BECKER, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, 12400 Wilshire Boulevard 7th Floor, Los Angeles, California 90025 and direct telephone calls to JORDAN M. BECKER, (408) 720-8598.
(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First/Joint Inventor 1-00 Stephen G. Perlman
Inventor's Signature [Signature] Date 3 June 1996
Residence Mountain View, California CA Citizenship U.S.A.
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(2)

2-00
Full Name of Second/Joint Inventor Phillip Y. Goldman

Inventor's Signature *Phillip Y. Goldman* Date 6/3/96

Residence Los Altos, California CA Citizenship U.S.A.
(City, State) (Country)

Post Office Address 400 Fir Lane
Los Altos, California 94024 U.S.A.

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) Prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application;

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

Attorney's Docket

No.: 002484.P005

ASSIGNMENT**PATENT**

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, STEPHEN G. PERLMAN and PHILLIP Y. GOLDMAN

hereby sell, assign, and transfer to WebTV Networks, Inc.

a corporation of CALIFORNIA, having a principal place of business at 275 ALMA STREET,

PALO ALTO, CALIFORNIA 94301

, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and
all foreign countries, in and to any and all improvements that are disclosed in the application for the United States
patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below
and is entitled METHOD AND APPARATUS FOR MANAGING COMMUNICATIONS

BETWEEN A CLIENT AND A SERVER IN A NETWORK

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent
applications that have been or shall be filed in the United States and all foreign countries on any of said
improvements; and in and to all original and reissued patents that have been or shall be issued in the United States
and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said
United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own
name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns,
and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will
execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said
improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said
Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said
improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or
representatives in securing and maintaining proper patent protection for said improvements and for vesting title to
said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its
successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment,
grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to
others by the undersigned, and that full right to convey the same as herein expressed is possessed by the
undersigned.

Each Inventor: Please Sign and Date Below:

6/3, 1996
Date

[Signature]
Name: STEPHEN G. PERLMAN

6/3, 1996
Date

[Signature]
Name: PHILLIP Y. GOLDMAN

_____, 19____
Date

Name:

_____, 19____
Date

Name:

_____, 19____
Date

Name:

_____, 19____
Date

Name:

**Each Inventor: Please
also list the date that
you signed the
accompanying
DECLARATION AND
POWER OF ATTORNEY:**

3 June, 1996
Date

6/3, 1996
Date

_____, 19____
Date

_____, 19____
Date

_____, 19____
Date

_____, 19____
Date

State of: _____ }
County of: _____ } SS.

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8598

On this _____ day of _____, 19____, before me, _____
the undersigned Notary Public, personally appeared _____

☐ personally known to me ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) _____ subscribed to the within instrument, and acknowledged that _____ executed it.

WITNESS my hand and official seal.

Notary's Signature

Rev. 03/13/95 (A1)